



NATIONAL
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SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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KGC 23-05

AGRICULTURAL NEWS: Most of Kentucky received measurable rainfall which prevented farmers from working in the fields as much. Average days suitable for fieldwork was 5.5 out of a possible seven days. As of Friday, August 26, topsoil moisture was rated 28 percent very short, 31 percent short, 37 percent adequate, and 4 percent surplus. Subsoil moisture was rated 31 percent very short, 36 percent short, 32 percent adequate, and 1 percent surplus. Before the rain came, most of the farm activity consisted of cutting and housing tobacco, topping and spraying late tobacco, baling hay, and clipping pastures.

CORN: Harvest got underway with combining expected to pick up in the next week or two. Three percent of the corn crop was harvested, compared to 4 percent last year and 6 percent for the 5 year average. Variable yields are expected due to the summers dry conditions. Half of the corn was mature, same as a year ago, and above the 5 year average of 47 percent. As of Sunday, August 28, 85 percent of corn was dented, in between the 84 percent for 2004 and the 86 percent for the 5 year average. The condition of the corn crop was 4 percent very poor, 12 percent poor, 28 percent fair, 41 percent good, and 15 percent excellent.

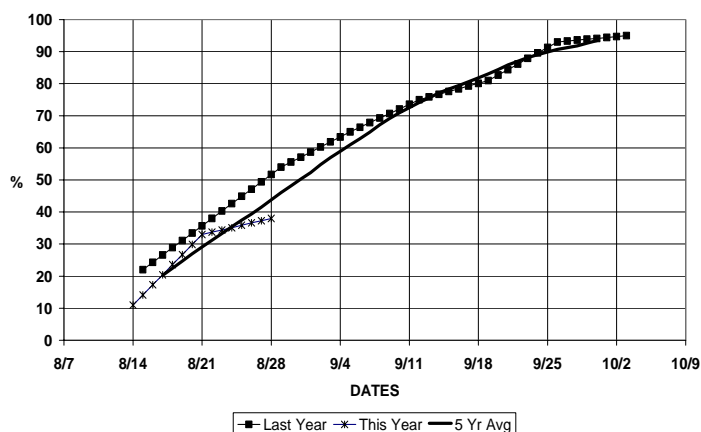
SOYBEANS: Most farmers with late-season beans appreciated the recent precipitation. Adequate pod fill continues to be a concern, in spite of the rain. As

of Sunday, August 28, 82 percent of the soybeans were setting pods, behind last year at 86 and the 5 year average of 85 percent. However, the 17 percent of soybeans with leaves turning yellow are ahead of schedule. Thirteen percent were yellowing a year ago, while the 5 year average was 12 percent. Six percent are dropping leaves, compared to 4 percent for 2004 and the 5 year average. Soybean crop condition was rated 5 percent very poor, 7 percent poor, 27 percent fair, 45 percent good, and 16 percent excellent.

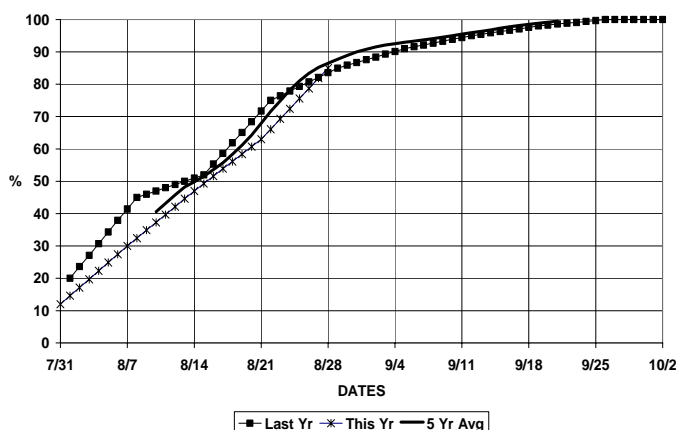
TOBACCO: Tobacco conditions were similar to the previous week. As of Sunday, August 28, 7 percent was rated very poor, 19 percent poor, 28 percent fair, 36 percent good, and 10 percent excellent. Housed tobacco appears a little light to some producers. Rain hindered the rate of harvest. Thirty-eight percent of the burley crop was cut, behind 52 percent a year ago and 44 percent for the 5 year average. Dark tobacco was 29 percent cut, as opposed to 45 percent for 2004 and 36 percent for the average.

OTHER CROPS: Recent rains helped to green up pastures in most areas of the State. **Hay** crop conditions were rated at 21 percent very poor, 26 percent poor, 35 percent fair, 16 percent good, and 2 percent excellent. **Pastures** were still rated at 22 percent very poor, with 31 percent poor, 31 percent fair, 14 percent good, and 2 percent excellent.

BURLEY TOBACCO PERCENT CUT PROGRESS



CORN PERCENT DENT OR BEYOND



KENTUCKY CROP PROGRESS

WEEK ENDING AUGUST 28, 2005
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Setting Pods	82	86	85	75	94
Turning Yellow	17	13	12	NA	NA
Shedding Leaves	6	4	4	NA	NA
Corn					
Dent Stage	85	84	86	63	40
Mature	50	50	47	25	6
Harvested	3	4	6	NA	NA
Burley Tobacco					
Cut	38	52	44	33	NA
Dark Tobacco					
Cut	29	45	36	18	NA

(NA)Data Not Available.

SOIL MOISTURE

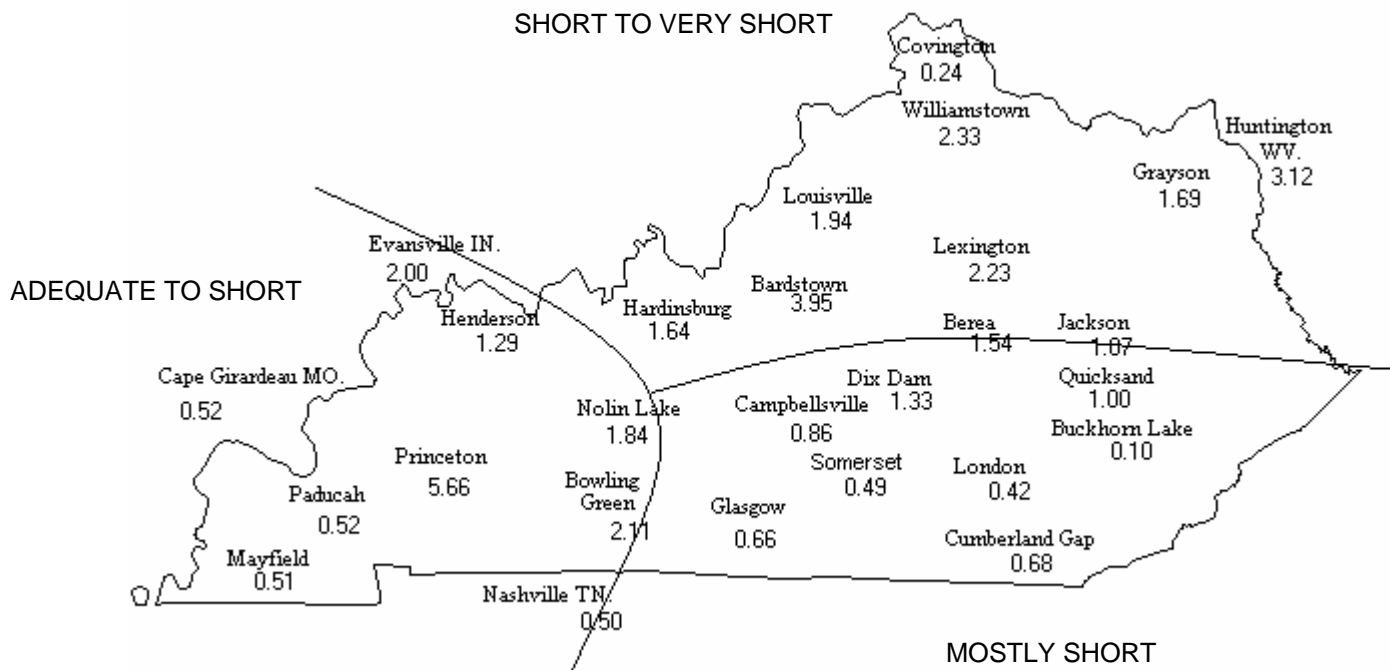
WEEK ENDING AUGUST 26, 2005
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	28	27
Short	31	35
Adequate	37	37
Surplus	4	1
SUBSOIL		
Very Short	31	30
Short	36	42
Adequate	32	27
Surplus	1	1

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING AUGUST 26, 2005						WEEK ENDING AUGUST 19, 2005					
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	
Corn	4	12	28	41	15	6	12	31	37	14	
Soybeans	5	7	27	45	16	5	10	25	43	17	
Pasture	22	31	31	14	2	22	29	36	13	0	
Hay Crops	21	26	35	16	2	23	23	35	18	1	
Tobacco in Field	7	19	28	36	10	7	17	29	37	10	

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 28, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 26, 2005



KENTUCKY WEATHER SUMMARY, AUGUST 22 – 28, 2005:

ABOVE NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

After scattered showers and thunderstorms on Monday, mostly dry, hot and muggy conditions occurred for the workweek in the Bluegrass State. By Friday, a weak upper-level low pressure area stalled over the State and provided showers and thunderstorms through the weekend, especially on Sunday.

Temperatures for the past 7 days averaged 77 degrees across the State which was 4 degrees above normal. High temperatures averaged from 88 in the West to 86 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 3 degrees above normal in the East. Low temperatures averaged from 69 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 5 degrees above normal in the East. Extreme high temperatures were in the low 90s and extreme lows were in the mid 60s.

Precipitation (liq. equ.) for the period totaled 1.54 inches statewide which was 0.70 inches above normal. Precipitation totals by climate division, West 1.75 inches, Central 2.02 inches, Bluegrass 1.34 inches and East 1.07 inches, which was 0.96, 1.18, 0.48 and 0.20 inches respectively above normal. By station, precipitation totals ranged from a low of 0.10 inches at Buckhorn Lake to a high of 5.66 inches at Princeton.

Tom Priddy

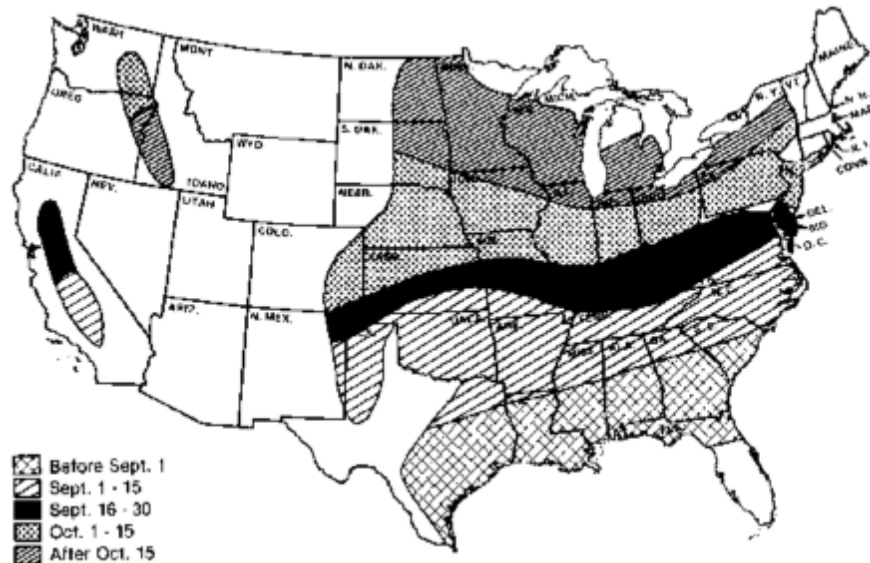
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, AUGUST 28, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	3.95	21.62	6.74	+1.06	+3.19	91	62	76.1	+3	177	2971	+158
Berea	1.54	20.71	5.01	-0.33	+1.41	90	60	76.1	+4	178	3087	+184
Bowling Green	2.11	17.37	2.94	-3.97	-0.23	88	64	76.9	+4	184	3104	+171
Bristol	0.52	20.34	2.70	+2.42	-0.16	90	62	75.4	+3	171	2787	+96
Buckhorn Lake	0.10	12.16	2.29	-7.99	-1.01	90	63	76.7	+5	181	3019	+475
Cape Girardeau	0.52	19.29	2.21	-0.49	-0.94	95	69	81.1	+7	201	3186	+102
Campbellsville	0.86	19.77	2.35	-3.82	-1.78	93	63	77.7	+5	182	3080	+207
Covington	0.24	13.13	3.03	-6.01	+0.00	90	62	75.2	+3	172	2865	+203
Cumberland Gap	0.68	13.18	3.05	-9.15	-0.86	90	63	76.7	+5	181	3013	+352
Dix Dam	1.33	17.40	3.05	-3.71	-0.47	90	61	75.9	+4	176	2998	+157
Evansville	2.00	16.80	4.82	-2.31	+2.01	92	63	77.4	+3	183	3036	+102
Glasgow	0.66	22.14	3.16	-1.02	-0.48	94	63	78.4	+6	186	3202	+359
Grayson	1.69	17.02	3.88	-2.96	+0.49	92	60	75.4	+3	170	3014	+503
Hardinsburg	1.64	16.15	3.46	-5.00	+0.05	89	63	76.4	+4	179	3048	+115
Henderson	1.29	16.24	2.72	-3.31	-0.14	89	63	77.9	+3	189	3092	+128
Huntington	3.12	16.47	3.45	-3.58	-0.11	93	59	75.4	+4	169	3024	+332
Jackson	1.07	20.44	3.61	-0.83	-0.01	89	60	75.1	+3	172	3025	+481
Lexington	2.23	14.98	3.54	-5.58	-0.01	91	59	75.2	+3	172	2933	+241
London	0.42	18.07	3.71	-1.48	+0.72	87	60	75.0	+3	171	2890	+229
Louisville	1.94	16.62	3.43	-3.40	+0.23	92	61	76.4	+4	177	2980	+18
Mayfield	0.51	12.62	2.24	-8.76	-1.22	90	63	76.7	+2	181	3034	+40
Nashville	0.50	16.89	4.30	-3.03	+1.17	90	63	77.8	+5	189	3280	+138
Nolin Lake	1.84	18.22	3.56	-4.15	+0.17	90	63	77.0	+4	183	3093	+371
Paducah	0.52	15.41	2.38	-5.80	-0.64	94	68	79.5	+5	193	3165	+112
Princeton	5.66	19.34	7.71	-2.18	+4.09	95	65	78.8	+4	186	3170	+148
Quicksand	1.00	16.99	3.34	-4.28	-0.28	90	63	76.7	+5	181	3024	+480
Somerset	0.49	18.77	2.05	-3.32	-1.49	95	63	77.1	+5	177	2958	+206
Spindletop	0.34	11.07	1.36	-9.49	-2.19	91	58	75.0	+3	171	2869	+177
Williamstown	2.33	15.99	5.11	-4.24	+1.74	90	61	75.1	+3	170	2896	+204

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

CORN FOR GRAIN - USUAL START OF HARVESTING, PRINCIPAL AREAS IN THE U.S.



CORN CONDITION AND PROGRESS FOR WEEK ENDING AUGUST 21, 2005

State	CONDITION PERCENT				
	VP	P	F	G	EX
CO	3	8	25	43	21
IL	26	33	29	12	0
IN	6	17	36	36	5
IA	3	8	21	46	22
KS	4	12	33	46	5
KY	6	12	31	37	14
MI	1	5	23	50	21
MN	3	5	23	49	20
MO	23	22	24	25	6
NE	4	9	24	44	19
NC	2	9	26	47	16
ND	2	7	22	50	19
OH	7	14	35	35	9
PA	4	13	29	44	10
SD	7	10	27	44	12
TN	2	8	30	50	10
TX	14	18	33	28	7
WI	9	19	25	34	13
18 States	9	14	27	37	13
Prev Week	9	14	26	38	13
Prev Year	2	7	20	48	23

VP - Very Poor P - Poor F - Fair G - Good
EX - Excellent

State	PERCENT DOUGH			
	Curr	Last Wk	2004	Avg
CO	35	25	24	45
IL	92	83	94	88
IN	87	76	88	80
IA	76	63	59	66
KS	94	85	92	91
KY	90	68	90	88
MI	80	57	35	30
MN	69	42	23	49
MO	95	92	92	92
NE	87	74	81	85
NC	95	89	98	94
ND	64	35	25	69
OH	76	66	81	72
PA	66	42	75	61
SD	68	35	56	67
TN	99	97	99	98
TX	99	91	93	96
WI	58	36	31	40
18 States	80	65	68	72

These 18 States planted 92% of last year's corn acreage.

State	PERCENT DENT			
	Curr	Last Wk	2004	Avg
CO	10	5	7	12
IL	59	41	64	50
IN	43	22	49	38
IA	33	12	18	27
KS	61	42	60	61
KY	63	47	72	68
MI	23	3	2	4
MN	21	5	4	14
MO	80	68	76	71
NE	50	23	28	42
NC	82	56	92	78
ND	7	2	2	22
OH	20	9	31	21
PA	21	7	35	23
SD	20	4	10	21
TN	93	79	96	88
TX	80	70	83	86
WI	11	2	0	5
18 States	40	23	34	35

These 18 States planted 92% of last year's corn acreage.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.